

ABSTRACT

Artificial antibodies or antibody mimics are described. They consist of polymers that carry specific binding sites mimicking the properties of antibodies. There is also described a method for producing artificial antibodies, in which polymerisable monomers carrying functional groups and crosslinking monomers are polymerised in the presence of a print molecule and subsequently the print molecule is removed leaving specific binding sites complementary to the print molecules.

There are also described methods for determination and isolation of organic molecules using the artificial antibodies as well as therapeutic and diagnostic methods using these antibodies.

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